

Barbara J Morgan

List of Publications by Year in descending order

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79
papers

5,908
citations

87723

38
h-index

88477

70
g-index

79
all docs

79
docs citations

79
times ranked

5032
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathophysiology of Sleep Apnea. <i>Physiological Reviews</i> , 2010, 90, 47-112.	13.1	1,592
2	Cyclosporine-Induced Sympathetic Activation and Hypertension after Heart Transplantation. <i>New England Journal of Medicine</i> , 1990, 323, 693-699.	13.9	409
3	Exposure to hypoxia produces long-lasting sympathetic activation in humans. <i>Journal of Applied Physiology</i> , 2001, 91, 1555-1562.	1.2	245
4	Fatiguing inspiratory muscle work causes reflex reduction in resting leg blood flow in humans. <i>Journal of Physiology</i> , 2001, 537, 277-289.	1.3	240
5	Fatiguing inspiratory muscle work causes reflex sympathetic activation in humans. <i>Journal of Physiology</i> , 2000, 529, 493-504.	1.3	223
6	Vasovagal Syncope after Infusion of a Vasodilator in a Heart-Transplant Recipient. <i>New England Journal of Medicine</i> , 1990, 322, 602-604.	13.9	158
7	Cerebrovascular Response to Carbon Dioxide in Patients with Congestive Heart Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 371-378.	2.5	144
8	Respiratory influences on sympathetic vasomotor outflow in humans. <i>Respiratory Physiology and Neurobiology</i> , 2002, 130, 3-20.	0.7	133
9	Role of Respiratory Motor Output in Within-Breath Modulation of Muscle Sympathetic Nerve Activity in Humans. <i>Circulation Research</i> , 1999, 85, 457-469.	2.0	131
10	Influence of cerebrovascular function on the hypercapnic ventilatory response in healthy humans. <i>Journal of Physiology</i> , 2006, 577, 319-329.	1.3	131
11	Chronic intermittent hypoxia augments chemoreflex control of sympathetic activity: Role of the angiotensin II type 1 receptor. <i>Respiratory Physiology and Neurobiology</i> , 2010, 171, 36-45.	0.7	130
12	Chronic intermittent hypoxia impairs endothelium-dependent dilation in rat cerebral and skeletal muscle resistance arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H388-H393.	1.5	121
13	Differential responses to CO ₂ and sympathetic stimulation in the cerebral and femoral circulations in humans. <i>Journal of Physiology</i> , 2005, 566, 613-624.	1.3	112
14	Peripheral Chemoreflex and Baroreflex Interactions in Cardiovascular Regulation in Humans. <i>Journal of Physiology</i> , 2003, 552, 295-302.	1.3	104
15	Snoring as Part of a Dose-Response Relationship Between Sleep-Disordered Breathing and Blood Pressure. <i>Sleep</i> , 1996, 19, S202-S205.	0.6	96
16	Neurocirculatory consequences of intermittent asphyxia in humans. <i>Journal of Applied Physiology</i> , 2000, 89, 1333-1339.	1.2	91
17	Effects of expiratory muscle work on muscle sympathetic nerve activity. <i>Journal of Applied Physiology</i> , 2002, 92, 1539-1552.	1.2	88
18	Impaired Vascular Regulation in Patients with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 1143-1150.	2.5	87

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19	Mechanisms of the cerebrovascular response to apnoea in humans. <i>Journal of Physiology</i> , 2003, 548, 323-332.	1.3	81
20	Cardiovascular variability after arousal from sleep: time-varying spectral analysis. <i>Journal of Applied Physiology</i> , 2003, 95, 1394-1404.	1.2	80
21	Neural mechanism of the pressor response to obstructive and nonobstructive apnea. <i>Journal of Applied Physiology</i> , 1997, 83, 2048-2054.	1.2	71
22	Obstructive sleep apnea and hypertension: Mechanisms, evaluation, and management. <i>Current Hypertension Reports</i> , 2007, 9, 529-534.	1.5	69
23	Humans In Hypoxia: A Conspiracy Of Maladaptation?!. <i>Physiology</i> , 2015, 30, 304-316.	1.6	67
24	Chronic intermittent hypoxia alters NE reactivity and mechanics of skeletal muscle resistance arteries. <i>Journal of Applied Physiology</i> , 2006, 100, 1117-1123.	1.2	66
25	Influence of cerebral blood flow on breathing stability. <i>Journal of Applied Physiology</i> , 2009, 106, 850-856.	1.2	62
26	Carotid chemoreceptor modulation of sympathetic vasoconstrictor outflow during exercise in healthy humans. <i>Journal of Physiology</i> , 2008, 586, 1743-1754.	1.3	59
27	Blood Pressure Perturbations Caused By Subclinical Sleep-disordered Breathing. <i>Sleep</i> , 1998, 21, 737-746.	0.6	55
28	Sleep-Disordered Breathing and Obesity. <i>Nutrition in Clinical Practice</i> , 2009, 24, 675-687.	1.1	55
29	Effect of Burst-Mode Transcutaneous Electrical Nerve Stimulation on Peripheral Vascular Resistance. <i>Physical Therapy</i> , 2001, 81, 1183-1191.	1.1	53
30	Xanthine Oxidase Inhibition Attenuates Endothelial Dysfunction Caused by Chronic Intermittent Hypoxia in Rats. <i>Respiration</i> , 2011, 82, 458-467.	1.2	53
31	Effects of Chronic Intermittent Hypoxia on Allergen-Induced Airway Inflammation in Rats. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 162-170.	1.4	52
32	Baroreflex-induced sympathetic activation does not alter cerebrovascular CO ₂ responsiveness in humans. <i>Journal of Physiology</i> , 2003, 551, 609-616.	1.3	51
33	Daytime blood pressure elevation after nocturnal hypoxia. <i>Journal of Applied Physiology</i> , 1999, 87, 689-698.	1.2	49
34	Cerebrovascular Response to Arousal from NREM and REM Sleep. <i>Sleep</i> , 2008, 31, 321-327.	0.6	44
35	Respiratory influences on muscle sympathetic nerve activity and vascular conductance in the steady state. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H1615-H1623.	1.5	44
36	Vascular Consequences of Intermittent Hypoxia. <i>Advances in Experimental Medicine and Biology</i> , 2007, 618, 69-84.	0.8	43

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37	Circulatory Responses to Voluntary and Electrically Induced Muscle Contractions in Humans. <i>Physical Therapy</i> , 2000, 80, 53-60.	1.1	41
38	Effects of Sleep-disordered Breathing on Cerebrovascular Regulation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 1445-1452.	2.5	40
39	Ventilatory Response to Induced Auditory Arousals During NREM Sleep. <i>Sleep</i> , 1997, 20, 707-714.	0.6	39
40	Effect of AT1 receptor blockade on intermittent hypoxia-induced endothelial dysfunction. <i>Respiratory Physiology and Neurobiology</i> , 2012, 183, 67-74.	0.7	36
41	Quantifying hypoxia-induced chemoreceptor sensitivity in the awake rodent. <i>Journal of Applied Physiology</i> , 2014, 117, 816-824.	1.2	36
42	Effects of High-Frequency Transcutaneous Electrical Nerve Stimulation on Limb Blood Flow in Healthy Humans. <i>Physical Therapy</i> , 1994, 74, 361-367.	1.1	34
43	Effect of Transcutaneous Electrical Nerve Stimulation on the Pressor Response to Static Handgrip Exercise. <i>Physical Therapy</i> , 1997, 77, 28-36.	1.1	32
44	Time-dependent adaptation in the hemodynamic response to hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2009, 165, 90-96.	0.7	29
45	The need for specificity in quantifying neurocirculatory <i>vs</i> respiratory effects of eucapnic hypoxia and transient hyperoxia. <i>Journal of Physiology</i> , 2020, 598, 4803-4819.	1.3	29
46	Time course of intermittent hypoxia-induced impairments in resistance artery structure and function. <i>Respiratory Physiology and Neurobiology</i> , 2010, 170, 157-163.	0.7	28
47	Role of sensory input from the lungs in control of muscle sympathetic nerve activity during and after apnea in humans. <i>Journal of Applied Physiology</i> , 2004, 97, 635-640.	1.2	26
48	Oxidative stress augments chemoreflex sensitivity in rats exposed to chronic intermittent hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2016, 234, 47-59.	0.7	26
49	Arousal from sleep shortens sympathetic burst latency in humans. <i>Journal of Physiology</i> , 1999, 515, 621-628.	1.3	25
50	Coronary Flow Velocity Changes in Response to Hypercapnia: Assessment by Transthoracic Doppler Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 421-426.	1.2	22
51	Acute and Chronic Cardiovascular Responses to Sleep Disordered Breathing. <i>Sleep</i> , 1996, 19, S206-S209.	0.6	20
52	Chronic intermittent hypoxia alters ventilatory and metabolic responses to acute hypoxia in rats. <i>Journal of Applied Physiology</i> , 2016, 120, 1186-1195.	1.2	18
53	Peripheral Blood Flow Regulation in Human Obesity and Metabolic Syndrome. <i>Exercise and Sport Sciences Reviews</i> , 2016, 44, 116-122.	1.6	17
54	Altered neurovascular control of the resting circulation in human metabolic syndrome. <i>Journal of Physiology</i> , 2012, 590, 6109-6119.	1.3	16

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55	Neural control of blood flow during exercise in human metabolic syndrome. <i>Experimental Physiology</i> , 2014, 99, 1191-1202.	0.9	16
56	Intermittent hypoxia: keeping it real. <i>Journal of Applied Physiology</i> , 2009, 107, 1-3.	1.2	15
57	Impaired hypoxic cerebral vasodilation in younger adults with metabolic syndrome. <i>Diabetes and Vascular Disease Research</i> , 2013, 10, 135-142.	0.9	13
58	Mechanical and metabolic reflex activation of the sympathetic nervous system in younger adults with metabolic syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 183, 100-105.	1.4	13
59	Effects of losartan and allopurinol on cardiorespiratory regulation in obstructive sleep apnoea. <i>Experimental Physiology</i> , 2018, 103, 941-955.	0.9	12
60	Revisiting the Debate: Does Exercise Build Strong Bones in the Mature and Senescent Skeleton?. <i>Frontiers in Physiology</i> , 2016, 7, 369.	1.3	8
61	Effect of Interference Current on Forearm Vascular Resistance in Asymptomatic Humans. <i>Physical Therapy</i> , 1995, 75, 306-312.	1.1	7
62	Hypertension and sleep apnoea. <i>Journal of Sleep Research</i> , 1995, 4, 34-36.	1.7	4
63	Exercise: Alternative Therapy for Heart Failure-Associated Sleep Apnea?. <i>Sleep</i> , 2009, 32, 585-586.	0.6	4
64	Pharmacologic approaches for the management of symptoms and cardiovascular consequences of obstructive sleep apnea in adults. <i>Sleep and Breathing</i> , 2010, 14, 307-315.	0.9	4
65	Sleep Apnea: A New Risk Factor for Cardiovascular Disease?. <i>Exercise and Sport Sciences Reviews</i> , 2002, 30, 145-146.	1.6	2
66	Cardiovascular Consequences of Sleep-disordered Breathing. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2006, 26, 123-130.	0.5	2
67	Chemoreflex Sensitization Augments Sympathetic Vasomotor Outflow in Awake Humans. <i>Advances in Experimental Medicine and Biology</i> , 1994, 360, 269-271.	0.8	2
68	Effect of Chronic Intermittent Hypoxia on Angiotensin II Receptors in the Central Nervous System. <i>Clinical and Experimental Hypertension</i> , 2019, 41, 130-136.	0.5	1
69	Effect of AT1 receptor blockade on intermittent hypoxia-induced endothelial dysfunction. <i>FASEB Journal</i> , 2010, 24, 1022.7.	0.2	1
70	Chronic Intermittent Hypoxia Induces Airflow Limitation in a Rodent Model of Allergen-induced Lower Airway Inflammation. <i>FASEB Journal</i> , 2013, 27, 1b797.	0.2	1
71	Heart Rate and Catecholamine Responses During Exercise and Recovery in Cardiac Transplant Recipients. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 1993, 13, 182-187.	0.5	0
72	Reply to Joseph. <i>Journal of Applied Physiology</i> , 2014, 117, 1525-1525.	1.2	0

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73	Evidence for a carotid chemoreceptor contribution to exercise-induced sympathetic vasoconstrictor outflow in humans. FASEB Journal, 2007, 21, A566.	0.2	0
74	Stimulus-specific cerebrovascular dysfunction in humans with metabolic syndrome. FASEB Journal, 2012, 26, 896.2.	0.2	0
75	Augmented alpha-adrenergic vasoconstriction during exercise in human metabolic syndrome. FASEB Journal, 2012, 26, 1092.4.	0.2	0
76	Paradoxical relationship between alpha-adrenergic tone and muscle sympathetic nerve activity in human metabolic syndrome. FASEB Journal, 2012, 26, 1091.33.	0.2	0
77	The sympathetic nervous system and control of resting blood flow in adults with metabolic syndrome. , 2013, , 36-36.		0
78	Respiratory influences on muscle sympathetic nerve activity and limb vascular conductance in the steady-state. FASEB Journal, 2013, 27, 1118.8.	0.2	0
79	Cerebrovascular Reactivity in Obstructive Sleep Apnea: Impact of Physical Activity. FASEB Journal, 2018, 32, 712.17.	0.2	0